

Docket Nos. 42310 & 42311
Georgia Power Company's 2019 IRP and 2019 DSM Application
STF-DEA Data Request Set Number 1

STF-DEA-1-31

Question:

Please refer to the Renewable Cost Benefit Framework (Technical Appendix Vol. 2), p. 15, noting that for distributed resources “geographic penetration assumptions will influence the deferred transmission investment calculation.”

- a. Please provide the geographic distribution assumptions used by Georgia Power for this analysis.
- b. Please compare the geographic distribution assumptions to actual installed distributed generation capacity in Georgia.

Response:

- a. As evaluated in the 2016 IRP process, the table below contains Georgia Power’s geographic distribution assumptions for distributed generation solar facilities. The assumptions have not changed or been updated since that time.

Distributed Solar Diversity Assumptions Based on Capacity

OPCO	Regional Allocations	By Region	Total By OPCO
GPC	Atlanta	44%	70%
	Columbus	6%	
	Macon	7%	
	Augusta	5%	
	Albany/Valdosta	8%	
APC	Birmingham	6%	15%
	Montgomery	4%	
	Mobile	5%	
MPC	Meridian	2%	7%
	Hattiesburg	2%	
	Gulfport/Biloxi	3%	
GuPC	Pensacola	5%	8%
	Other Coastal	3%	
Total		100%	100%

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- b. The table below contains Georgia Power's geographic distribution as tracked by Company regions for actual installed distributed generation solar facilities.

GPC Distributed Solar Diversity Based on Capacity

Regional Allocations	By Region
Central	19%
Coastal	8%
East	11%
Metro	7%
Northeast	4%
Northwest	9%
Savannah	3%
South	26%
West	14%
Total	100%